

BK BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
SENIOR SECONDARY|CO-ED DAY CUM BOYS' RESIDENTIAL
SCHOOL

MID-TERM EXAMINATION 2023-24 (SCIENCE)



B K BIRLA CENTRE
FOR EDUCATION
(Sarala Birla Group of Schools)



Class : IV
Date : 20/10/2023
Admission No.:

SCIENCE (MARKING SCHEME) Duration: 1 Hr 30 Min
Max. Marks : 40
Roll No.:

I Answer in one word.

4x1=4 marks

1. Pour some water in a bowl and put it in refrigerator. Observe the bowl after about half an hour. What has happened to the water in the bowl? It has turned into ___ICE_____.
2. Remove the bowl from the refrigerator. Leave it for about half an hour in a room. What do you see after some time? The ice has turned into ___WATER_____.
3. Pour the water from the bowl into a pan and ask an elder person to boil it. What do you see? On boiling, water begins to change into ___WATER VAPOUR_____.
4. Ask the elder person to hold a plate over the pan. What happens when the water vapours from the pan touch the plate? The vapours turn into ___WATER DROPS_____.

II Identify and write which of these animals can fly in air, live on land and swim

in water

3x1=3 marks

5. Lion ___LAND_____
6. Crow ___AIR_____
7. Fish ___WATER_____

III Match the following.

5x1=5 marks

- | | | |
|----------------|----------------------|-----|
| 8. Fish | (a) Ag | (b) |
| 9. Camel | (b) gills | (d) |
| 10. Polar bear | (c) lungs | (e) |
| 11. Silver | (d) desert | (a) |
| 12. Human | (e) small round ears | (c) |

IV Unscramble the following.

3x1=3 marks

13. DIOSL ____ SOLID _____
14. MAERTT ____ MATTER _____
15. NOITAROPAVE ____ EVAPORATION _____

V Answer the following questions.

10x2=20marks

16. If a plant has a leaf with reticulate venation and tap root then what kind of seed it is likely to have?

Ans: If a plant has a leaf with reticulate venation and tap root then it is likely to have dicot seed.

17. What is leaf blade?

Ans: Leaf blade is the flat part of the leaf.

18. If camel has short legs like cat then will it be able to survive in desert?

Ans: If camel has short legs like cat then it will not be able to survive in desert as its body will burn due to heat being very close to sand.

19. How does fish breathe in water?

Ans: Fish breathe with the help of gills.

20. What is embryo?

Ans: Embryo is the baby chick inside an egg.

21. What is leaf apex?

Ans: Leaf apex is the tip of the leaf.

22.Explain evaporation with the help of a diagram.

Ans: Evaporation is the process by which liquid turns into vapour.

23.Draw molecules of solid liquid and gas.

Ans: DIAGRAM

24.Explain digestive system with the help of a diagram.

Ans: DIAGRAM WITH EXPLANATION

25.Explain peristalsis with the help of a diagram.

Ans: DIAGRAM WITH EXPLANATION

VI Answer the following questions in detail.

1x5=5marks

26.Explain lifecycle of frog with the help of a diagram.

Ans: DIAGRAM WITH EXPLANATION